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ANALYSIS OF THE IMPACT OF LIGHT SOURCE USED IN EXTERNAL PETROL STATION ILLUMINATION ON LIGHT POLLUTION EFFECT

Summary

The paper presents the most popular light sources in outdoor lighting. Basic utility parameters of lamps have been analysed (photometrical and electrical parameters) as well as factors which might have influence on light pollution. Typical applications of lamps have been presented, with special attention to urban lighting such as canopy illumination. Based on petrol station example and Dialux simulations – LED lamps have been analysed and compared with metal halide solution in perspective of area light pollution.